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Substitute form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT <u>November 18, 2009</u> <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	10/560,073
				Filing Date	December 9, 2005
				First Named Inventor	T. MASUKO
				Art Unit	1794 (Confirm. No. 9636)
Examiner Name	Anish P. Desai				
Sheet	1	of	4	Attorney Docket Number	1204.45684X00

U.S. PATENT DOCUMENTS						
Examiner Initials ¹	Cite No. ¹	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
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Examiner Initials ¹	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)					
		JP	2004-292821	10/21/2004	T. Masuko, et al.		A
		JP	2004-211053	07/29/2004	T. Masuko, et al.		A
		JP	2004-083836	03/18/2004	T. Masuko, et al.		A
		WO	2004/111148	12/23/2004	T. Masuko, et al.		A
		JP	2003-338580	11/28/2003	Y. Osawa, et al.		A
		JP	11-087927	03/30/1999	S. Nakamura, et al.		A

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		Japanese Official Action issued on August 18, 2009, for Application No. 2005-506989.	T
		Japanese Official Action issued on August 18, 2009, for Application No. 2004-148110.	T
		Japanese Official Action issued on August 18, 2009, for Application No. 2005-342437.	T
		Japanese Official Action issued on August 18, 2009, for Application No. 2002-332929.	

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		JP	2002-161251	06/04/2002	T. Uehara, et al.		A
		JP	2002-158239	05/31/2002	T. Masuko, et al.		A
		JP	2002-155262	05/28/2002	T. Masuko, et al.		A
		JP	11-209729	08/03/1999	T. Masuko, et al.		A
		JP	11-209728	08/03/1999	T. Masuko, et al.		A
		JP	11-40386	05/25/1999	T. Masuko, et al.		A
		JP	10-330723	12/15/1998	Y. Hasegawa, et al.		A
		JP	07-228697	08/29/1995	S. Takeda, et al.		A
		JP	2002-158276	05/31/2002	K. Aichi, et al.		A
		JP	2002-121530	04/26/2002	T. Masuko, et al.		A
		JP	2001-303015	10/31/2001	K. Sato, et al.		A
		JP	2000-104040	04/11/2000	S. Fujii		A
		JP	04-196246	07/16/1992	Y. Akata, et al.		A

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		JP 2001-302998		10/31/2001	K. Sumiya, et al.		A
		WO 01/60938		08/23/2001	T. Inada, et al.		A
		JP 2001-115127		04/24/2001	Y. Shimada, et al.		A
		JP 2002-212525		07/31/2002	M. Kaneda, et al.		A
		JP 08-204296		08/09/1996	S. Ariga, et al.		A
		JP 2002-226824		08/14/2002	T. Masuko, et al.		A
		JP 2003-226857		08/15/2003	Y. Hasegawa, et al.		A
		JP 2002-012845		01/15/2002	K. Aichi, et al.		A
		JP 2002-129125		05/09/2002	I. Kirikihira		A
		JP 2001-294843		10/23/2001	S. Kigoshi, et al.		A
		JP 2000-154356		06/06/2000	Y. Shimada, et al.		A
		JP 11-310769		11/09/1999	S. Tajima, et al.		A
		JP 09-001723		01/07/1997	N. Hase, et al.		A

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		JP 06-096616		04/08/1994	T. Imai, et al.		A
		JP 08-208808		08/13/1996	K. Yokota, et al.		A
		JP 09-279117		10/28/1997	S. Okutsu		A
		JP 2000-345131		12/12/2000	H. Takamiya, et al.		A

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